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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/649,666 | 08/28/2003 | Yuki Aoyama | | 6922 |

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EXAMINER

FLEURANTIN, JEAN B

ART UNIT PAPER NUMBER

2162

DATE MAILED: 01/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/649,666

Applicant(s)

AOYAMA ET AL.

Examiner

JEAN B. FLEURANTIN

Art Unit

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– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18,21 and 24 is/are rejected.
- 7) ☒ Claim(s) 19,20,22,23,25 and 26 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 09/110,674.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>8/28/3</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Preliminary Amendment

1. This is in response to preliminary amendments filed on 8/28/03 and 11/24/03.
 - a. Claims 1-17 have been canceled.
 - b. Claims 18-26 have been added.
 - c. Claims 18-26 are presented for examination.

Information Disclosure Statement

2. The information disclosure statement (IDS) filed on 08/28/03. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Drawings

3. The Examiner accepts the Drawings (Submitted on 8/28/03).

Response to Applicant' Remarks

4. Applicant's arguments filed on 08/28/03 and 11/24/03 have been fully considered but they are not persuasive. Because, the combination of AAPA and Okumura discloses the claimed limitations.

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Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 18, 21 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant Admitted Prior Art, "specification page 2, line 1 to page 7, line 16", ("AAPA") in view of U.S. Pat. No. 5,926,823 issued to Okumura et al., ("Okumura").

As per claim 18, AAPA discloses "a structured document display method for displaying a structured document for managing a structure of a plurality of documents" (i.e., a plurality documents which contain a document parts; see page 4, lines 19-22 and Fig. 5), comprising the steps of:

"editing shared information included in said plurality of documents" (i.e., modification information (editing) is treated a document part to be shared among a plurality of documents; see page 4, lines 9-11);

"storing said edited shared information" (i.e., a plurality documents which contain a document (document editor) part; see page 4, lines 19-20) and;

"editing a structured document with a link describing the link relating to said shared information" (i.e., elements of document A (501) describe its links to document B (502); see page 4, lines 23-26);

"storing said edited link-described document" (i.e., contents of document part (Fig. 504) of a link destination in the document B (502) (Fig. 505); see page 4, line 26 to page 5, line 3); and

"when displaying said link-described structured document as a web page" (see Fig. 5). AAPA fails to explicitly disclose a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed. However, Okumura discloses a date and an hour of generation thereof to correlated

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with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed (see Okumura col. 3, line 36 to col. 4, line 34). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of AAPA with a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed as disclosed by Okumura (see Okumura col. 5, lines 54-64). Such a modification would allow the teachings of AAPA to improve the reliability of the document processing method and system, and computer-readable medium having document processing therein. Thereby, providing procedures for transferring and removing unnecessary data are eliminated (see Okumura col. 6, lines 33-35).

As per claim 21, AAPA discloses "a structured document display method for displaying a structured document for managing a structure of a plurality of documents" (i.e., a plurality documents which contain a document parts; see page 4, lines 19-22 and Fig. 5), comprising:

"editing shared information included in said plurality of documents" (i.e., modification information (editing) is treated a document part to be shared among a plurality of documents; see page 4, lines 9-11);

"means for storing said edited shared information" (i.e., a plurality documents which contain a document (document editor) part; see page 4, lines 19-20) and;

"editing a structured document with a link describing the link relating to said shared information" (i.e., elements of document A (501) describe its links to document B (502); see page 4, lines 23-26);

"means for storing said edited link-described document" (i.e., contents of document part (Fig. 504) of a link destination in the document B (502) (Fig. 505); see page 4, line 26 to page 5, line 3); and

"means, when displaying said link-described structured document as a web page" (see Fig. 5).

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AAPA fails to explicitly disclose a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed. However, Okumura discloses a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed (see Okumura col. 3, line 36 to col. 4, line 34). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of AAPA with a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed as disclosed by Okumura (see Okumura col. 5, lines 54-64). Such a modification would allow the teachings of AAPA to improve the reliability of the document processing method and system, and computer-readable medium having document processing therein. Thereby, providing procedures for transferring and removing unnecessary data are eliminated (see Okumura col. 6, lines 33-35).

As per claim 24, AAPA discloses "a computer-implemented program for performing a structured document display method" (i.e., a plurality documents which contain a document parts; see page 4, lines 19-22 and Fig. 5), comprising the steps of:

"editing shared information included in said plurality of documents" (i.e., modification information (editing) is treated a document part to be shared among a plurality of documents; see page 4, lines 9-11);

"storing said edited shared information" (i.e., a plurality documents which contain a document (document editor) part; see page 4, lines 19-20) and;

“editing a structured document with a link describing the link relating to said shared information” (i.e., elements of document A (501) describe its links to document B (502); see page 4, lines 23-26);

“storing said edited link-described document” (i.e., contents of document part (Fig. 504) of a link destination in the document B (502) (Fig. 505); see page 4, line 26 to page 5, line 3); and

“when displaying said link-described structured document as a web page” (see Fig. 5). AAPA fails to explicitly disclose a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed. However, Okumura discloses a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed (see Okumura col. 3, line 36 to col. 4, line 34). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of AAPA with a date and an hour of generation thereof to correlated with each other; displaying a web page in which shared information corresponding to the link-described structured document generation date and hour among said shared information and shared information corresponding to a date and an hour of generation not corresponding to the link-described structured document generation date and hour are mixed as disclosed by Okumura (see Okumura col. 5, lines 54-64). Such a modification would allow the teachings of AAPA to improve the reliability of the document processing method and system, and computer-readable medium having document processing therein. Thereby, providing procedures for transferring and removing unnecessary data are eliminated (see Okumura col. 6, lines 33-35).

Allowable Subject Matter

6. Claims 19-20, 22-23, 25 and 26 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Prior Art

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Nishimura, U.S. Patent No. 5,671,427 relates to document editing apparatus which facilitates the creation of a document by copying or linking. Nishiyama et al., U.S. Patent No. 5,568,640 relates to document managing systems which manages documents.

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CONTACT INFORMATION

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEAN B. FLEURANTIN whose telephone number is 571 – 272-4035. The examiner can normally be reached on 7:05 to 4:35.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E BREENE can be reached on 571 – 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jean Bolte Fleurantin

Patent Examiner

Technology Center 2100

January 12, 2006



SHAHID ALAM
PRIMARY EXAMINER